SPEECH RECOGNITION USING DISCRIMINANT FEATURES

Abstract of the Disclosure

Methods and arrangements for representing the speech waveform in terms of a set of abstract, linguistic distinctions in order to derive a set of discriminative features for use in a speech recognizer. By combining the distinctive feature representation with an original waveform representation, it is possible to achieve a reduction in word error rate of 33% on an automatic speech recognition task.

Attorney Docket No.